

ELECTRICAL SAFETY CONSULTANT I/II

Class Definition

Under supervision, examines, evaluates, and approves electrical installations in single and multi-family residential dwellings in accordance with the Electrical Regulations of the Fresno Municipal Code.

Distinguishing Characteristics

Electrical Safety Consultants evaluate, and approve electrical installations in single and multi-family residential dwellings in accordance with applicable codes and provide electrical consulting services to contractors, craftsmen and homeowners.

Positions in these classes are flexibly staffed. Electrical Safety Consultant I incumbents are expected to progress to the II level with appropriate training, experience and satisfactory performance.

Electrical Safety Consultant I is the entry level class in the Electrical Safety series. Incumbents perform similar duties as an Electrical Safety Consultant II but are restricted to examining and approving electrical installations in one and two family dwellings. This class is distinguished from Electrical Safety Consultant II in that incumbents of the latter examine, evaluate, and approve electrical installations in single and multi-family dwellings.

Electrical Safety Consultant II is the journey level class in the Electrical Safety series. Incumbents evaluate, and approve the electrical installations in single and multi-family residential dwellings. This class is distinguished from Associate Electrical Safety Consultant I in that incumbents of the latter examine, evaluate, and approve electrical installations in commercial and industrial buildings whose plans require the signature of a professional licensed by the State of California.

Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect essential functions or cover all duties which may be assigned for this class.)

Examines, evaluates, and approves electrical installations or alterations in single and multi-family residential dwellings.

Inspects, evaluates, and approves completed installations or alterations for workmanship and use of proper materials prior to occupancy.

Maintains plan files, progress reports, permit inspection records, time and cost records.

Investigate alleged violations of the Fresno Municipal Code and related policies.

May perform field work necessary for the issuance of permits for construction, alterations of existing structures, including preparation of subsequent reports.

The Consultant II may perform or assist in plan review of proposed projects for code compliance.

Performs related duties as required.

Knowledge, Abilities, and Skills

(By the end of the probationary period, incumbents must demonstrate adequate knowledge, abilities, and skills to perform tasks at the journey level.)

Electrical Safety Consultant I:

Knowledge of specifications, codes, ordinances, regulations, and practices used in the installation of electrical systems in residential occupancies and accessory structures.

Ability to read and interpret electrical plans and specifications and compare them with work in progress.

Ability to speak clearly and concisely, make sound decisions and establish and maintain effective working relationships.

Ability to read and prepare clear, concise, and comprehensive written materials, including inspection correction lists and permit inspection records.

Electrical Safety Consultant II:

In addition to the requirements for Electrical Safety Consultant I:

Considerable knowledge of specifications, codes, ordinances, regulations, and practices used in the installation of electrical systems in single and multi-family residential occupancies and accessory structures.

Minimum Qualifications

Electrical Safety Consultant I:

Experience: One (1) year journey level experience as a contractor (with electrical emphasis), or an electrician involved in residential or light commercial construction with thirty semester units of higher education as noted below.

Electrical Safety Consultant II:

Experience: Two (2) years journey level experience as a contractor (with electrical emphasis), or an electrician involved in residential or light commercial construction with thirty semester units of higher education as noted below. **[Or]** One (1) year of experience as an Electrical Safety Consultant I with the City of Fresno or equivalent.

Educational requirements: Accredited college or university course work in one of the following: Construction technology, architectural drafting, industrial technology, electrical engineering, mechanical engineering, engineering, engineering technology or closely related field.

Substitutions: Additional experience may be substituted for the required education on a year-for-year basis. Additional education may be substituted for the required journey level experience on a year-for-year basis up to one (1) year.

Special Requirements

Possession of a valid California Driver's License at time of appointment.

Incumbents selected after January 1, 1994 must acquire certification from the International Conference of Building Officials as a "Certified Electrical Inspector", during the first two years of employment and maintain the required certificate for the entire term of employment in this job classification.

Employees hired in this class after October 30, 2000 will be expected to flex to the Consultant II level upon successful completion of one year as a Consultant I.

APPROVED: _____
Director

DATE: _____